



CONSTRUCTION EQUIPMENT

SWO-071298 TRIPLE R VOLVO A30G 742330 - FRONT AXLE



Sample No: VCP450640
Oil Type: GEAR OIL SAE 80W90
Job No: SWO-071298 TRIPLE R



SAMPLE INFORMATION

Sample Number	VCP450640	VCP253595	---	---
Sample Date	17 Apr 2024	15 Jun 2020	---	---
Machine Hours	3480	953	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

COWIN EQUIPMENT COMPANY INC

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OIL CONDITION

Visc @ 40°C	cSt	247	114	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	0	<1	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	82	86	---	---
Copper	ppm	3	4	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	6	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	70	14	---	---
Magnesium	ppm	20	<1	---	---
Zinc	ppm	44	9	---	---
Phosphorus	ppm	824	1033	---	---
Barium	ppm	0	0	---	---
Boron	ppm	168	174	---	---

Depot: COWOXF
Unique No: 10991821
Signed: Don Baldrige
Report Date: 24 Apr 2024



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GRAPHS

